

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001372

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61C 8/00 // A61B 17/86, A61F 2/46

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61B, A61C, A61F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC INTERNAL, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5061181 A (GERALD A. NIZNICK), 29 October 1991 (29.10.1991), column 4, line 14 - line 39, figures 3D-4	1-3,12-15
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X	US 5105690 A (RICHARD J. LAZZARA ET AL), 21 April 1992 (21.04.1992), column 2, line 42 - line 64, figure 1	1-3
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A	EP 0696445 A1 (O'BRIEN, GARY), 14 February 1996 (14.02.1996), figures 45,48	1-15
	--	
A	US 5246369 A (FRANCIS POULMAIRE), 21 Sept 1993 (21.09.1993), figure 2A	1-15
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

21 December 2004

Date of mailing of the international search report

27 -12- 2004

Name and mailing address of the ISA/

Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM

Facsimile No. +46 8 666 02 86

Authorized officer

Leif Brander/Els

Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6394806 B1 (AJAY KUMAR), 28 May 2002 (28.05.2002), figures 2-3 --	1-15
A	US 6419489 B1 (LARS JÖRNEUS ET AL), 16 July 2002 (16.07.2002), figures 1-4 -- -----	1-15

INTERNATIONAL SEARCH REPORT
Information on patent family members

27/11/2004

International application No.

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US	5061181	A	29/10/1991	CA	1322481 A,C	28/09/1993
				DE	3800368 A	21/07/1988
				GB	2199502 A,B	13/07/1988
				GB	8730145 D	00/00/0000
				US	5078607 A	07/01/1992
				EP	0412845 A,B	13/02/1991
				JP	3077551 A	03/04/1991

US	5105690	A	21/04/1992	NONE		

EP	0696445	A1	14/02/1996	US	5527183 A	18/06/1996

US	5246369	A	21/09/1993	DE	68902142 D,T	04/03/1993
				EP	0433352 A,B	26/06/1991
				FR	2635964 A	09/03/1990
				FR	2646079 A,B	26/10/1990
				WO	9002529 A	22/03/1990

US	6394806	B1	28/05/2002	US	6644969 B	11/11/2003
				US	20020110784 A	15/08/2002

US	6419489	B1	16/07/2002	AT	248556 T	15/09/2003
				AU	3876497 A	17/04/1998
				CA	2266553 A	02/04/1998
				DE	69724628 D,T	01/07/2004
				EP	0928165 A,B	14/07/1999
				ES	2207745 T	01/06/2004
				JP	2001500768 T	23/01/2001
				SE	507360 C	18/05/1998
				SE	9603477 A	25/03/1998
				WO	9812982 A	02/04/1998
				SE	9701397 D	00/00/0000
